

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYMINERALS MANAGEMENT
SERVICE

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☐

OTHER

Gas Storage

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Wexpro Company

3. ADDRESS OF OPERATOR

P. O. Box 1129, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

NW NE 718' FNL, 1954' FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

41 miles south of Rock Springs, Wyoming

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

718'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1490'

Unit 2

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GR 6455'

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2	13-3/8	54.5	320	385 sx reg G w/3% CaCl
8-3/4	7 *	23	5,880	To be determined

* Will have 9-5/8", 36#, landed at 280' on top of the 7" tapered casing.

Refer to Master Drilling Plan.

2. FORMATION TOPS: Frontier at 5240', Mowry at 5415', Dakota at 5600', and
Cedar Mountain-Morrison at 5800'.8. LOGGING, TESTING AND CORING: DLL and GR-Caliper from surface to TD.
FDC/CNL from 3925' to TD.

No DST's or coring.

Subject to the Master Surface Use
Plan filed in the Clay Basin Unitpen or plug back, give data on present productive zone and proposed new productive
at data on subsurface locations and measured and true vertical depths. Give blowout

preventive program, if any.

24.

SIGNED A. J. Mowry TITLE Drilling Superintendent DATE July 9, 1982

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

FOR E. W. GUYNN

DISTRICT OIL & GAS SUPERVISOR

DATE

AUG 2 1982

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

8 state O & G

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPYFLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

Identification No. 434-82

United States Department of the Interior
Minerals Management Service
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104-3884

NEPA CATEGORICAL EXCLUSION REVIEW

SALT LAKE CITY, UTAH

JUL 19 1982

MINERALS MANAGEMENT
SERVICE
OIL & GAS OPERATIONS
RECEIVED

PROJECT IDENTIFICATION

Operator Wexpro Company
Project Type Gas Storage Well
Project Location 718' FNL 1954' FEL Section 21, T3N, R24E
Well No. 48-S Lease No. SL-045051-A
Date Project Submitted July 14, 1982

FIELD INSPECTION Date June 7, 1982

Field Inspection
Participants See attached list

Related Environmental Documents: Environmental Impact
Analysis, A Proposed Gas Storage Project Mountain Fuel
Resources, Inc. - USGS, Rock Springs and BLM, Kernal 1976
EAB Clay Basin Gas Storage Project, BLM, Kernal 1976

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

July 16, 1982

Date Prepared

Guguy Darlington
Environmental Scientist

I concur

JUL 21 1982

Date

W. J. Mouton

District Supervisor

FOR E. W. GUYNN
DISTRICT OIL & GAS SUPERVISOR

Proposed Actions :

Wexpro plans to drill the #48-S gas storage well at a depth of 5880' into the Dakota Formation.

About 400' of new access road will be required. This road would parallel the lateral flowline from well #58-S. Well #48-S would be hooked into this flowline with the lateral then proceeding about 600' to reach existing lines near the Kastler Compressor ~~Sta~~ Station. A pad 135' by 325' and a water pit 75' by 100' are planned for the location on the 2.2 acre area of operations which has been requested.

Recommended Approval Conditions:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD :

1. BLM stipulations
2. Lease stipulations
3. Provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.

FIELD NOTES SHEET

Date of Field Inspection: June 7, 1982

Well No.: 48-S

Lease No.: SL-045051-A

Approve Location: ✓

Approve Access Road: ✓

Modify Location or Access Road: Moved 218' S and 429' West of original
Stationing (An estimated move of 300' West parallel with ridge
was predicted at the onsite to avoid a sidehill and mitigate
excessive cuts and fills),

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography)

Flowline to join #58-S then proceed
to compressor station, access is parallel to #58-S
flowline. Angle of pad changed about 45° from
N-S laydown mentioned at onsite (not actually
parallel to flowline but parallel the ridge now)

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Correspondence (date)	Phone check (date)	Meeting (date)						
516 DM 2.3.A									
Public health and safety							1, 2, 4, 6	June 7, 1982	
Unique characteristics							1, 2, 4, 6		
Environmentally controversial							1, 2, 4, 6		
Uncertain and unknown risks							1, 2, 4, 6		
Establishes precedents							1, 2, 4, 6		
Cumulatively significant							1, 2, 4, 6		
National Register historic places							1, 6		
Endangered/threatened species							1, 6		
Violate Federal, State, local, tribal law							1, 2, 4, 6		

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *Onsite Requirements other than the items 1-7.*

Field Inspection Participants at the
June 7, 1982 Wexpro Cnsites in Clay Basin

Greg Darlington - MMS, Vernal
Max McCoy - MMS, Vernal
Ralph Heft - BLM, Vernal
Keith Chapman - BLM, Vernal
Jennifer Head - Wexpro Drilling
Albert Kaiser - Wexpro Construction
Larry Boddyfelt - Wexpro Surveying
Ron Noble - Mt. Fuel Supply
Mr. DeBernardi - Mt. Fuel Supply
Fred Hankins - Wexpro Surveying

About Five other Mt. Fuel Supply employees
also accompanied us to most of the locations which
were looked at that day.

Master 10-Point Drilling Plan
Clay Basin Unit Gas Storage
Wells No. 43-S through 60-S
T.3N., R.24E.
Daggett County, Utah

1. SURFACE FORMATION: Mancos Shale.
2. FORMATION TOPS: Refer to individual Application for Permit to Drill.
3. WATER, OIL, GAS or MINERAL BEARING FORMATIONS:

The gas storage reservoir is the Dakota. Natural gas is expected in the Frontier. No water or mineral bearing formations are present.

4. CASING PROGRAM:

<u>Footage</u>	<u>Size</u>	<u>Grade</u>	<u>Weight</u>	<u>Condition</u>	<u>Thread</u>	<u>Cement</u>
320	13-3/8	K-55	54.5	New	8rd, ST&C	385 sx reg. G w/3% CaCl
280	9-5/8	K-55	36	New	8rd, ST&C	To be determined
TD	7	K-55	23	New	8rd, LT&C	To be determined

5. PRESSURE CONTROL EQUIPMENT: (see attached diagram)
Operator's minimum specifications for pressure control equipment requires a 12-inch 3000 psi double gate blowout preventer. Surface casing and all preventer rams will be pressure tested to 1900 psi for 15 minutes using rig pump and mud. BOP's will be checked daily as to mechanical operating condition and will be tested by rig equipment after each string of casing is run. All ram type preventers will have hand wheels which will be operative at the time the preventers are installed.
6. MUD PROGRAM: Fresh water gel base mud from surface to TD. Sufficient mud materials to maintain mud properties, control lost circulation and to contain blowout will be available at the wellsite.
7. AUXILIARY EQUIPMENT:
 - a) Manually operated kelly cock
 - b) No floats at bit
 - c) Monitoring of mud system will be visual
 - d) Full opening floor valve manually operated
8. LOGGING, TESTING, AND CORING: Refer to individual Application for Permit to Drill.
9. ABNORMAL PRESSURE AND TEMPERATURE: None expected; BHT of 135°F anticipated.
10. ANTICIPATED STARTING DATE: Upon approval

DURATION OF OPERATION: Drilling time 12 days each

Completion 4 days each

Contractor and operator to furnish items checked (a)

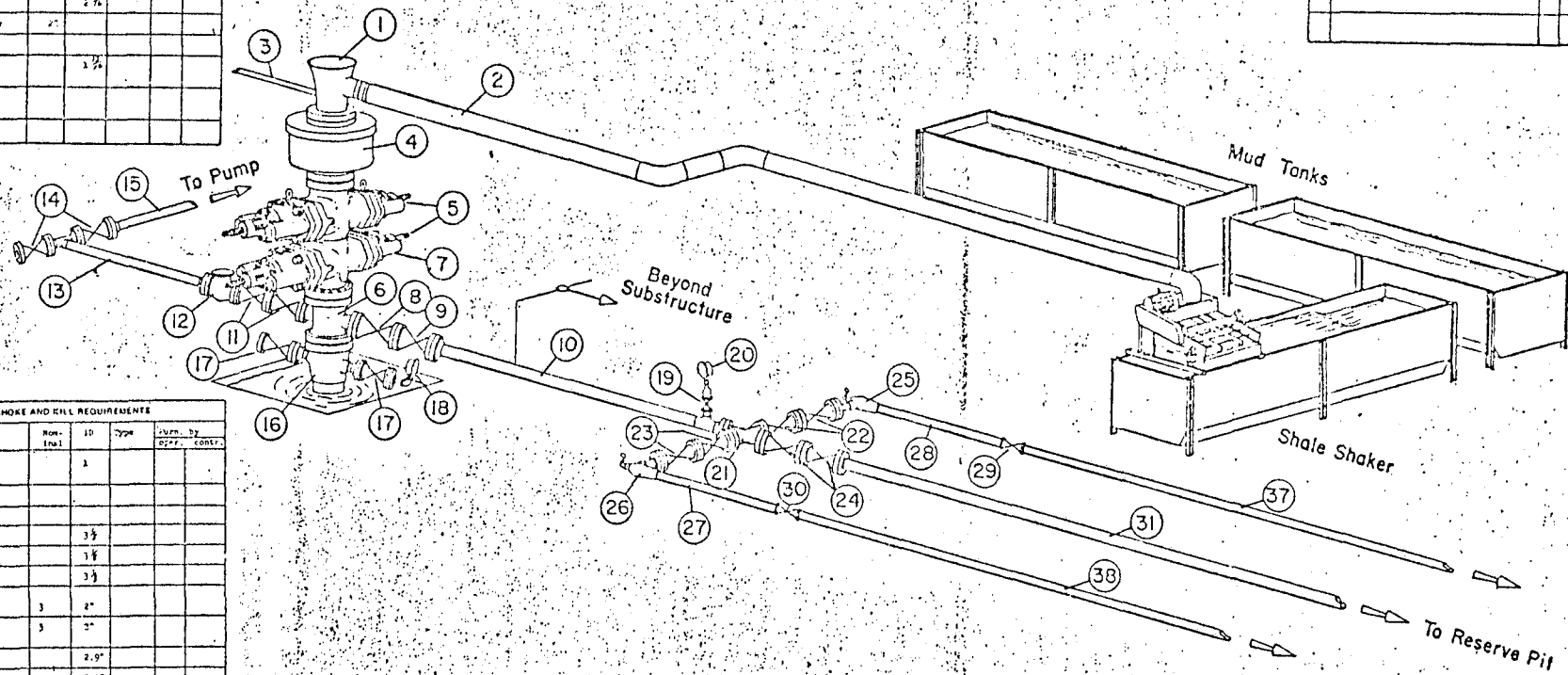
STANDARD STATE REQUIREMENTS					
No.	Item	Qty.	Size	Type	Spec. by
1	Drilling Rig				
2	Flowline				
3	Fill up line	2"			
4	Annular Preventer			Hydril Cameron Shaffer	
5	Two stands or one dual hydr. oper. ram			U. S. G. P. L. G.	
6	Wellhead spool with 2" and 3" outlets			Forced	
7	As alternate to (6) Run and fill blow from outlets in this row.				
8	Valve Gate	3 1/2"			
9	Valve-Hydraulically operated gate	3 1/2"			
10	Choke Line	2.9"			
11	Gate Valve	2 3/4"			
12	Choke Valve	2 3/4"			
13	Fill line	2"			
14	Intermittent	2 3/4"			
15	Fill line to Pump	2"			
16	Casing Head				
17	Valve Gate Plug	3 1/2"			
18	Compound Pressure Lever				
19	Wear Bearing				

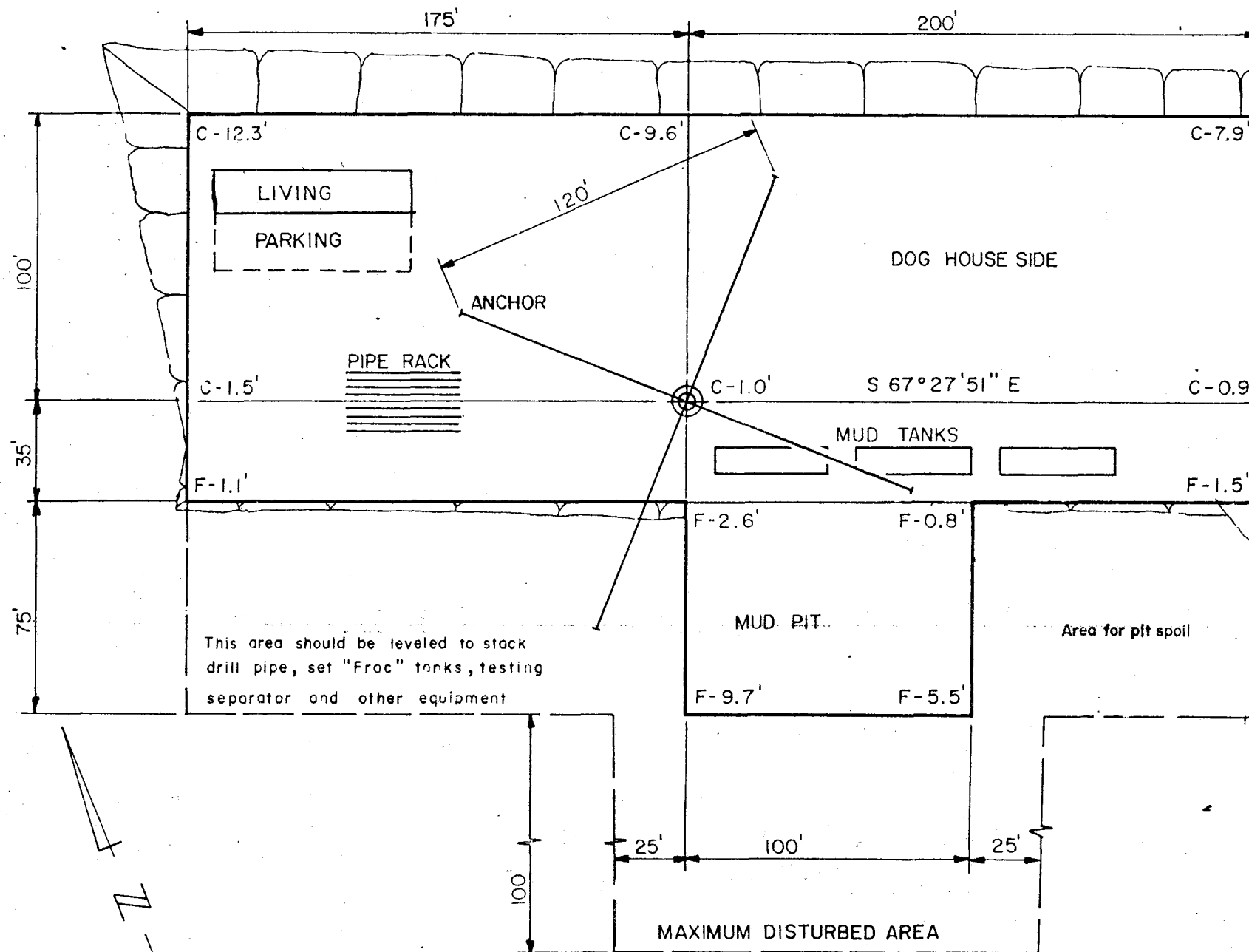
MOUNTAIN FUEL SUPPLY COMPANY 3000 psi BLOWOUT PREVENTION EQUIPMENT

SPECIAL CHOKES AND KILL REQUIREMENTS			

SPECIAL STATE REQUIREMENTS			

STANDARD CHOKES AND KILL REQUIREMENTS					
No.	Item	Qty.	Size	Type	Spec. by
19	Valve Gate Plug	3			
20	Compound Pressure				
21	Cross 3" 1/2				
22	Valve Gate	3 1/2"			
23	Valve Gate	3 1/2"			
24	Valve Gate	3 1/2"			
25	Choke Line H-2 or equivalent	3	2"		
26	Choke Line H-2 or equivalent	3	2"		
27	Line to Separator		2.9"		
28	Line to separator		2.9"		
29	Valve Gate	3 1/2"			
30	Valve Gate	3 1/2"			
31	Line to Res. Pit		2.9"		
32	Line to Res.		2.9"		
33	Line to Res. Pit		2.9"		





AT SITES WHERE TOPSOIL IS PRESENT SAME IS TO BE REMOVED AND STORED ON THE ADJACENT LAND FOR RESTORATION AT THE SITE WHEN REQUIRED. 2018 CU.YDS. OR THE TOP 6" OF TOPSOIL IS TO BE STOCKPILED.

MUD PITS ARE TO BE FENCED & UNLINED.

AREA FOR WELL LOCATION IS 1.33 ACRES.

REFERENCE DRAWINGS ARE:
M-20073

TOPSOIL STOCKPILE

PROPOSED ACCESS ROAD

CLAY BASIN UNIT WELL NO. 48-S

DRWG. NO. M-20074

SCALE 1" = 50'



6/7/82 KVB

**** FILE NOTATIONS ****

DATE: July 21 1982
OPERATOR: Wexpro Company
WELL NO: Clay Basin Unit #48-S
Location: Sec. 21 T. 3N R. 24E County: Waggett

File Prepared: ☒

Entered on N.I.D: ☐

Card Indexed: ☐

Completion Sheet: ☐

API Number 43-009-30044

CHECKED BY:

Petroleum Engineer: _____

Director: _____

Administrative Aide: Gas Storage

APPROVAL LETTER:

Bond Required: ☒

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Fed

Plotted on Map ☐

Approval Letter Written ☐

Hot Line ☒

P.I. ☒

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☐

OTHER

Gas Storage

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Wexpro Company

3. ADDRESS OF OPERATOR

P. O. Box 1129, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

NW NE 718' FNL, 1954' FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

41 miles south of Rock Springs, Wyoming

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

718'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED
TO THIS WELL

-

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1490'

19. PROPOSED DEPTH

5880'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GR 6455'

22. APPROX. DATE WORK WILL START*

Upon approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2	13-3/8	54.5	320	385 sx reg G w/3% CaCl
8-3/4	7 *	23	5,880	To be determined

* Will have 9-5/8", 36#, landed at 280' on top of the 7" tapered casing.

Refer to Master Drilling Plan.

2. FORMATION TOPS: Frontier at 5240', Mowry at 5415', Dakota at 5600', and
Cedar Mountain-Morrison at 5800'.8. LOGGING, TESTING AND CORING: DLL and GR-Caliper from surface to TD.
FDC/CNL from 3925' to TD.

No DST's or coring.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

P. J. Mauer

TITLE

Drilling Superintendent

DATE July 9, 1982

(This space for Federal or State office use)

APPROVED BY THE STATE

OIL, GAS, AND MINING

PERMIT NO.

DATE

APPROVAL DATE

7/14/82

APPROVED BY *Clayton B. Taylor*

TITLE

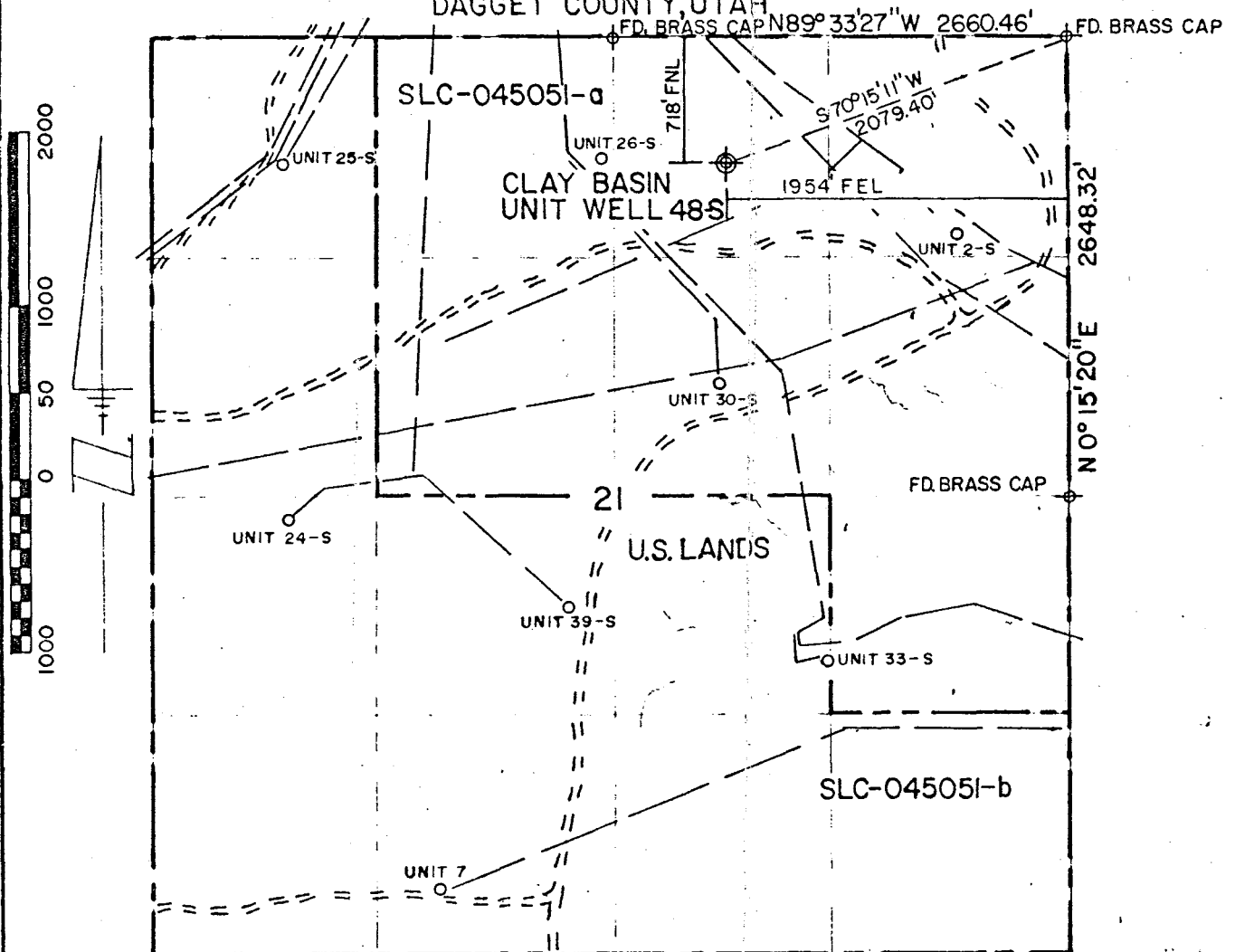
Director

DATE

7/14/82

T. 3 N., R. 24 E., S. L. B. & M.

DAGGET COUNTY, UTAH



MINERAL SURFACE

LOCATION PLAN
SCALE 1"=1000'

BASIS OF BEARING: COMPANY
SURVEY COORDINATE NETWORK

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge.

LEGEND

- ⊕ Well
- ⊕ Stone Corner
- ⊕ Pipe Corner

Larry G. Bodyfelt
SURVEYOR

LARRY G. BODYFELT WYO. RLS NO. 3507
PRACTICING IN UTAH PER TITLE 58 CHAPTER 22-21

ENGINEERING RECORD	
SURVEYED BY	F.H. 6/1/82
REFERENCES	G.L.O. PLAT <input checked="" type="checkbox"/> U.S.G.S. QUAD. MAP <input checked="" type="checkbox"/>
LOCATION DATA	
FIELD	CLAY BASIN
LOCATION	NW1/4, NE1/4 SEC. 21, T. 3 N., R. 24 E., S.L.B. & M. 718' FNL, 1954' FEL
DAGGET COUNTY, UTAH	
WELL ELEVATION: 6455 AS GRADED - DETERMINED BY EDM/TRIGONOMETRIC LEVELS FROM COMPANY ESTABLISHED BENCHMARK	

WEXPRO COMPANY	
CERTIFIED WELL LOCATION AND WELL SITE PLAN	
CLAY BASIN UNIT WELL NO. 48-S	
DRAWN 6/7/82 KVB	SCALE 1"=1000
CHECKED <i>CEW</i>	DRWG NO
APPROVED <i>J.F.</i>	M-20073

NOTICE OF SPUD

Company: Ulenboro

Caller: Paul

Phone: 307-382-9791

Well Number: Clay Basin 48-5

Location: NW NE 21-3N-24E

County: Daggett State: Utah

Lease Number: SL-045051-a

Lease Expiration Date: -

Unit Name (If Applicable): -

Date & Time Spudded: Oct 8 1130 PM.

Dry Hole Spudder/Rotary: ()

Details of Spud (Hole, Casing, Cement, etc.) -

-

-

-

-

Rotary Rig Name & Number: Binkerhof Signal-85

Approximate Date Rotary Moves In: -

FOLLOW WITH SUNDRY NOTICE

Call Received By: Becky

Date: Oct 12, 82

State Oil & Gas ✓
Vernal MMS
Teresa
Diane
File

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: WEXPRO

WELL NAME: Clay Basin Unit 48S

SECTION NWNE 21 TOWNSHIP 3N RANGE 24E COUNTY Daggett

DRILLING CONTRACTOR Brinkerhoff Signal

RIG # 85

SPUDDED: DATE 10-8-82

TIME 11:30 PM

HOW Rotary

DRILLING WILL COMMENCE

REPORTED BY Paul Zubatch

TELEPHONE # 307-382-9791

DATE 10-11-82 SIGNED Terri Reid

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☐ other ☒ Gas Storage

2. NAME OF OPERATOR

Wexpro Company

3. ADDRESS OF OPERATOR

P. O. Box 458, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: NW NE 718' FNL, 1954' FEL

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) Supplementary History ☒

5. LEASE

SL - 045051-a

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Clay Basin Gas Storage Agreement

8. FARM OR LEASE NAME

Unit

9. WELL NO.

48-S

10. FIELD OR WILDCAT NAME

Clay Basin

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

2-3N-24E., SLB&M

12. COUNTY OR PARISH

Daggett

13. STATE

Utah

14. API NO.

43-009-30044

15. ELEVATIONS (SHOW DF, KDB, AND WD)

KD 6468.30' GR 6455'

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

TD 4665', spudded October 8, 1982 at 11:30 p.m., landed 13-3/8" OD, 54.5#, K-55, 8rd thd, ST&C casing at 340.73' KBM, set with 400 sacks regular class H cement with 2% calcium chloride and 1/4# flocele per sack, returned 3 barrels cement to surface, cement in place 12 a.m. August 26, 1982, drilling.

Subsurface Safety Valve: Manu. and Type

Set @ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED

Lee Martin

TITLE Asst Drlg Supt

DATE

October 12, 1982

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYForm Approved.
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well <input type="checkbox"/> gas well <input type="checkbox"/> other Gas Storage
2. NAME OF OPERATOR Wexpro Company
3. ADDRESS OF OPERATOR P. O. Box 458, Rock Springs, Wyoming 82901
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) AT SURFACE: NW NE 718' FNL, 1954' FEL AT TOP PROD. INTERVAL: AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) Supplementary History	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

5. LEASE SL - 045051-a	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME -31-40	
7. UNIT AGREEMENT NAME Clay Basin Gas Storage Agreement	
8. FARM OR LEASE NAME Unit	
9. WELL NO. 48-S	
10. FIELD OR WILDCAT NAME Clay Basin - Dakota	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 21-3N-24E., SLB&M	
12. COUNTY OR PARISH Daggett	13. STATE Utah
14. API NO. 43-009-30044	
15. ELEVATIONS (SHOW DF, KDB, AND WD) KB 6469.99' GR 6455'	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

TD 5880', landed 13-3/8" OD, 54.5#, K-55, 8rd thd, ST&C casing at 342.42' KBM, set with 400 sacks regular class H cement with 2% calcium chloride and 1/4# flocele per sack, returned 3 barrels cement to surface, cement in place 12 a.m. August 26, 1982, landed 7", 23#, and 9-5/8", 36#, K-55, 8rd thd, ST&C casing at 5849.44' KBM, set with 450 sacks 50-50 Pozmix cement with 2% gel and 18% salt, good returns while cementing, cement in place 9:20 p.m. October 16, 1982, rigged up work over, perforated 5613-5646', 5671-5677' and 5715-5723' with 2 holes per foot, set packer at 5530', running 4-1/2" tubing.

Subsurface Safety Valve: Manu. and Type

Set @ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED

C. J. Maser

TITLE

Drilling Supt.

DATE

November 5, 1982

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYForm Approved.
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well ☐ gas ☐ well ☐ other ☐ Gas Storage
2. NAME OF OPERATOR
Wexpro Company
3. ADDRESS OF OPERATOR
P. O. Box 458, Rock Springs, Wyoming 82901
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: NW NE 718' FNL, 1954' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) Supplementary History			<input checked="" type="checkbox"/>

5. LEASE
SL - 045051-a
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
Clay Basin Gas Storage Agreement
8. FARM OR LEASE NAME
Unit
9. WELL NO.
48-S
10. FIELD OR WILDCAT NAME
Clay Basin - Dakota
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
21-3N-24E., SLB&M
12. COUNTY OR PARISH
Daggett
13. STATE
Utah
14. API NO.
43-009-30044
15. ELEVATIONS (SHOW DF, KDB, AND WD)
KB 6469.99' GR 6455'

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

TD 5880', PBD 5789', landed 4-1/2" tubing at 5542.11' KBM, well shut in.

Final report.

Subsurface Safety Valve: Manu. and Type

Set @ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED C. J. Mauer TITLE Drilling Supt. DATE November 10, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Log tops:		
				Mancos	0'	
				Frontier	5,243	
				Mowry	5,417	
				Dakota	5,598	
				Morrison	5,746'	

RECEIVED
NOV 15 1982
DIVISION OF OIL, GAS & MINING

Philly 15 June 88

LN

access

dehydrator


Line Reader

emergency
pt

mekurun

well head.

INTERNATIONAL



42-381 50 SHEETS 5 SQUARE
42-382 100 SHEETS 5 SQUARE
42-389 200 SHEETS 5 SQUARE

Made in U.S.A.



QUESTAR PIPELINE COMPANY

79 SOUTH STATE STREET • P. O. BOX 11450 • SALT LAKE CITY, UTAH 84147 • PHONE (801) 530-2400
June 23, 1988

CERTIFIED MAIL

RETURNED RECEIPT REQUESTED

#P 879 571 459

Bureau of Land Management
Utah State Office
CFS Financial Center
324 S. State Street
Salt Lake City, UT 84111-2303

Re: Name Change
Mountain Fuel Resources, Inc.
to Questar Pipeline Company

Gentlemen:

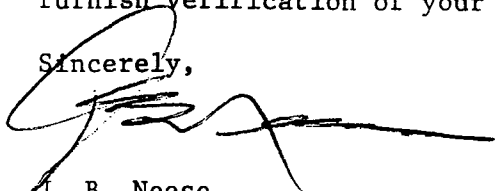
Enclosed for your files and information is a certified copy of the Articles of Amendment to the Articles of Incorporation of Mountain Fuel Resources, Inc. dated March 7, 1988, indicating that Mountain Fuel Resources, Inc. changed its name to Questar Pipeline Company.

Questar Pipeline Company holds interests in the following Federal Oil and Gas Leases in Utah:

Now held on leasehold with CA
C A well - RT - OR's - Mt. Fuel Resources - *U-9712-A - Questar 100%*
U-11246 - RT - Asgmt pending to "Questar Energy Co."
SLC-045051(A) > OR'S
SLC-045051(B) > OR'S
SLC-045053(A) > OR'S
SLC-045053(B) > OR'S
SLC-062508 - OR'S
SLC-070555 - OR'S
SLC-070555(A) - OR'S
? Agreement No. 14-08-0001-16009
(Clay Basin Gas Storage Agreement)
Vernat

Please note and adjust your records in accordance with the above and furnish verification of your receipt of this notice to the undersigned.

Sincerely,


J. B. Neese
Senior Landman

JBN/sdg

Enclosure

List of Leases

Overriding Royalties

U-09712-A
U-011246

Operating Rights

SL-045051-A & B
SL-045053-A & B
SL-062508
SL-0700555
SL-070555-A
SL-045049-A & B

Clay Basin Gas Storage Agreement
Agreement No. 14-08-0001-16009

3100
U-09712-A
et al
(U-942)
C. Seare
3/9/89

DECISION

Questar Pipeline Company : Oil and Gas Leases
P.O. Box 11450 : U-09712-A et al
Salt Lake City, Utah 84147 :

Corporate Name Change Recognized

Acceptable evidence has been received establishing that Mountain Fuel Resources, Inc. has changed their name to Questar Pipeline Company. Accordingly, the surviving company, Questar Pipeline Company, is recognized as holding all interests in Federal oil and gas leases which were held by Mountain Fuel Resources, Inc. We are changing our records with respect to the attached listing of oil and gas leases. If there are any other leases that will be affected, please contact this office.

/s/ M. Willis

ACTING Chief, Minerals
Adjudication Section

Enclosure
List of Leases

cc: All District Offices, Utah
MMS, AFS
MMS, BRASS
920, Teresa Thompson
Clay Basin Unit File

CSeare:sl 3/9/89:1642f

RECEIVED

JAN 28 2004

DIV. OF OIL, GAS & MINING

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

3/7/1988

FROM: (Old Operator):N1070-Wexpro Company
PO Box 45360
Salt Lake City, UT 84145-0360

Phone: 1-(801) 534-5267

TO: (New Operator):N7560-Questar Pipeline Company
PO Box 11450
Salt Lake City, UT 84147

Phone: 1-(801) 530-2019

CA No.

Unit:

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
CLAY BASIN UNIT 39-S	21	030N	240E	4300930030	1025	Federal	GS	A
CLAY BASIN UNIT 48-S	21	030N	240E	4300930044	1025	Federal	GS	A
CLAY BASIN UNIT 50-S	21	030N	240E	4300930046	1025	Federal	GS	A
CLAY BASIN UNIT 51-S	21	030N	240E	4300930047	1025	Federal	GS	A
CLAY BASIN UNIT 58-S	21	030N	240E	4300930054	1025	Federal	GS	A
CLAY BASIN UNIT 60-S	21	030N	240E	4300930056	1025	Federal	GS	A
CLAY BASIN U 11 (RD MURPHY 6-W)	22	030N	240E	4300915635	1025	Federal	GS	A
CLAY BASIN 28-S	22	030N	240E	4300930021	1025	Federal	GS	A
CLAY BASIN UNIT 32-S	22	030N	240E	4300930023	1025	Federal	GS	A
CLAY BASIN UNIT 36-S	22	030N	240E	4300930027	1025	Federal	GS	A
CLAY BASIN UNIT 54-S	22	030N	240E	4300930050	1025	Federal	GS	A
CLAY BASIN U 6 (RD MURPHY 3)	23	030N	240E	4300915630	1025	Federal	GS	A
CLAY BASIN U 10 (1 CL SPARKS)	23	030N	240E	4300915634	1025	Federal	GS	A
CLAY BASIN UNIT 29-S	23	030N	240E	4300930020	1025	Federal	GS	A
CLAY BASIN UNIT 31-S	23	030N	240E	4300930022	1025	Federal	GS	A
CLAY BASIN UNIT 44-S	23	030N	240E	4300930040	1025	Federal	GS	A
CLAY BASIN UNIT 45-S	23	030N	240E	4300930041	1025	Federal	GS	A
CLAY BASIN UNIT 57-S	24	030N	240E	4300930053	1025	Federal	GS	A
CLAY BASIN UNIT 41-S	26	030N	240E	4300930032	1025	Federal	GS	A
CLAY BASIN UNIT 42-S	26	030N	240E	4300930033	1025	Federal	GS	A
CLAY BASIN UNIT 43-S	26	030N	240E	4300930039	1025	Federal	GS	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 1/13/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 1/13/2004
3. The new company was checked on the Department of Commerce, Division of Corporations Database on: 1/14/2004
4. Is the new operator registered in the State of Utah: YES Business Number: 649172-0142
5. If **NO**, the operator was contacted on: _____

6. (R649-9-2)Waste Management Plan has been received on:

IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 3/9/1989

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on:

n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on:

n/a

10. **Underground Injection Control ("UIC"** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on:

1/29/2004

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on:

1/29/2004

3. Bond information entered in RBDMS on:

1/29/2004

4. Fee wells attached to bond in RBDMS on:

1/29/2004

5. Injection Projects to new operator in RBDMS on:

n/a

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number:

965003032

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number:

965002976

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number:

n/a

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number

965003033

2. The **FORMER** operator has requested a release of liability from their bond on:

N/A

The Division sent response by letter on:

N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1/29/2004

COMMENTS:

NEW ENTITY NUMBERS ASSIGNED FEBRUARY 2004

ACCT	OPERATOR NAME	API NUM.	Sec	Twncshp	Rng	WELL NAME	ENTITY	EFF DATE	REASON
N7560	Questar Pipeline Co	4300915629	20	030N	240E	Clay Basin Unit 5	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300915627	16	030N	240E	Clay Basin Unit 3	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930018	16	030N	240E	Clay Basin Unit 27-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930048	16	030N	240E	Clay Basin Unit 52-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930049	16	030N	240E	Clay Basin Unit 53-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930055	16	030N	240E	Clay Basin Unit 59-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930026	17	030N	240E	Clay Basin Unit 35-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930031	20	030N	240E	Clay Basin Unit 40-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930045	20	030N	240E	Clay Basin Unit 49-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300915626	21	030N	240E	Clay Basin Unit 2	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930015	21	030N	240E	Clay Basin 24-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930016	21	030N	240E	Clay Basin Unit 25-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930017	21	030N	240E	Clay Basin Unit 26-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930019	21	030N	240E	Clay Basin 30-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930024	21	030N	240E	Clay Basin Unit 33-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930030	21	030N	240E	Clay Basin Unit 39-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930044	21	030N	240E	Clay Basin Unit 48-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930046	21	030N	240E	Clay Basin Unit 50-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930047	21	030N	240E	Clay Basin Unit 51-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930054	21	030N	240E	Clay Basin Unit 58-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930056	21	030N	240E	Clay Basin Unit 60-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300915635	22	030N	240E	Clay Basin U 11 (RD Murphy)	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930021	22	030N	240E	Clay Basin 28-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930023	22	030N	240E	Clay Basin Unit 32-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930027	22	030N	240E	Clay Basin Unit 36-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage

Note to file: These entity numbers
were changed to compliment the
operator correction from 3/7/98